DNS Transfer Sizes

First Results

Daniel Karrenberg

RIPE NCC

<daniel.karrenberg@ripe.net>

Outline

- Why

- What

- First Results

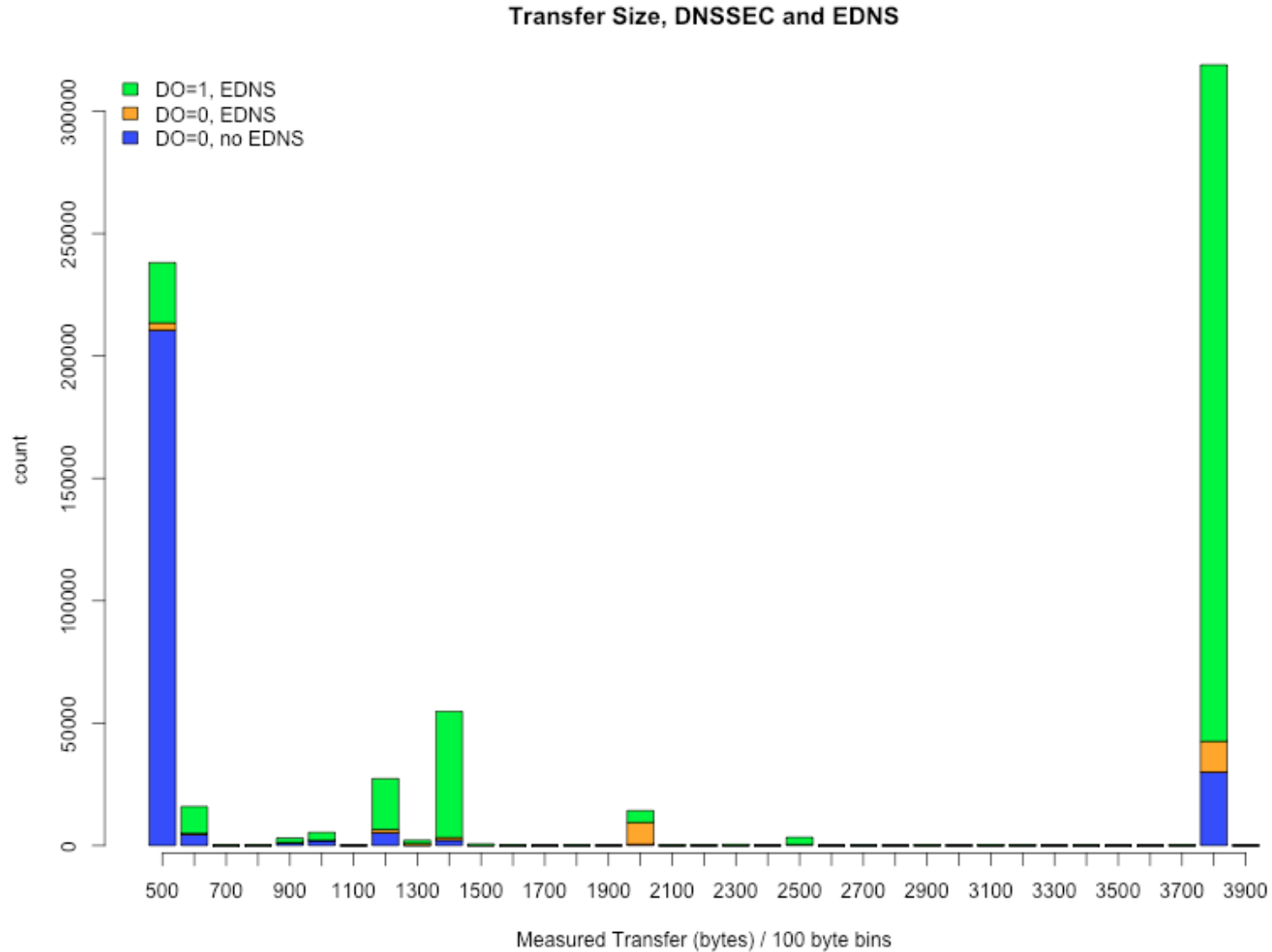- Other Things We Are Looking At

Why

- DNSSSEC will produce larger responses to those clients that ask for DNSSEC (DO=1).

- Will these clients be able to receive the larger responses ?

- Do we have to expect clients switching to TCP ?
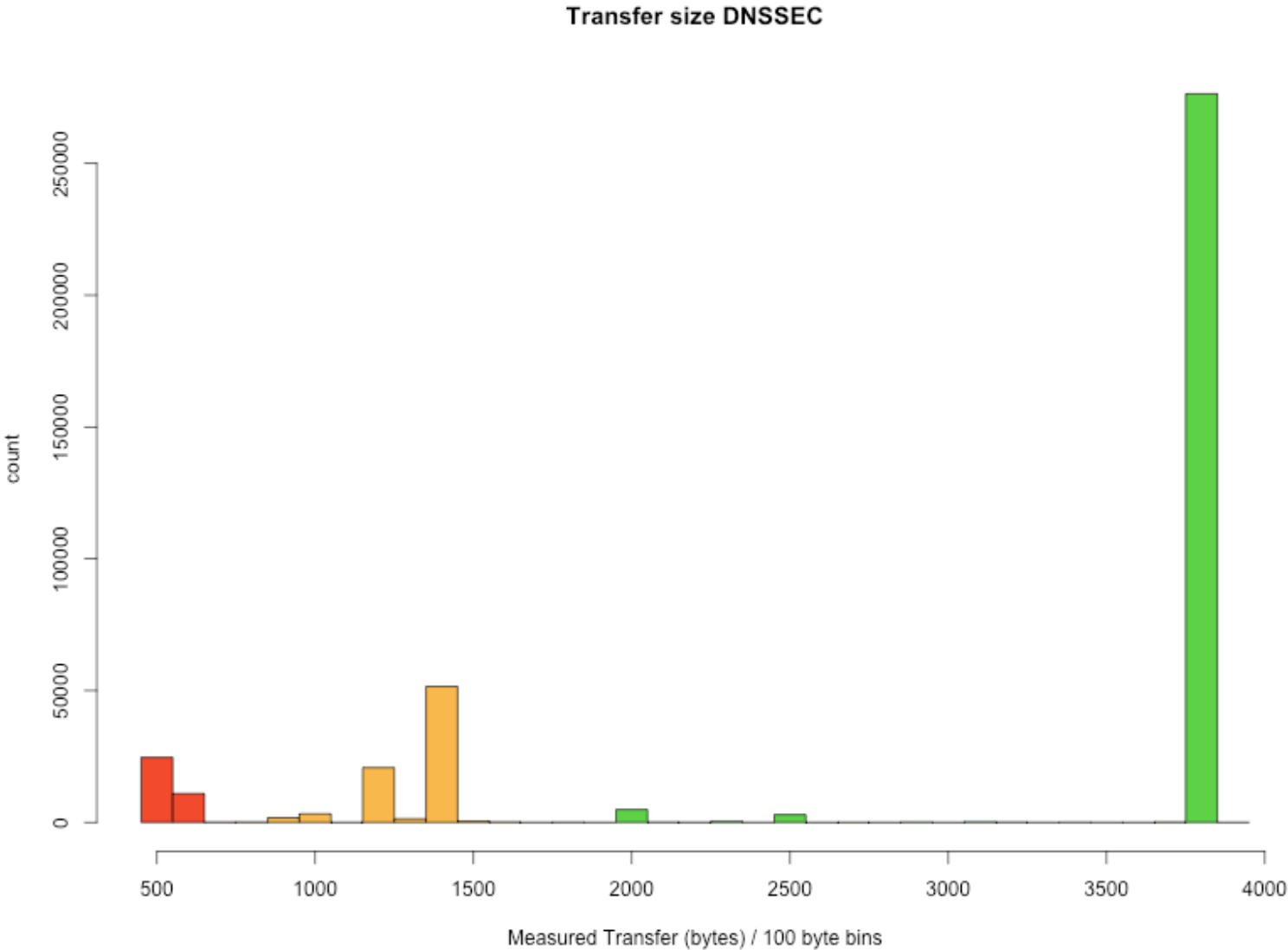
What

- OARC Transfer Size Tester
  - Available for manual measurements
  - Measurements of visitors to NCC web sites

- 12-31 January 2010 (continuing)

- 6857,547 measurements

- 43,060 distinct source addresses

- Some unexplained effects in the data remain !

Distribution of Measured Transfer Sizes

Transfer Size, DNSSEC and EDNS

Measured Transfer Sizes for DO=1

Transfer size DNSSEC

Find More

- labs.ripe.net

  - http://labs.ripe.net/content/measuring-dns-transfer-sizes-first-results

  - Some unspectacular small analyses:

    - http://labs.ripe.net/content/interesting-graphs-priming-queries-root-servers

    - http://labs.ripe.net/content/k-root-after-signed-arpa-roll-out

    - http://labs.ripe.net/content/look-dns-priming-queries-k-root

Questions ?

The End!

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